



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2021 - 22)

DETAILED ESTIMATE For F.D.R. Motrable Work

T. A. COPY

DISTRICT :	BHAGALPUR	BLOCK :	SABOUR
NAME OF ROAD :	DPS School (NH80) To Jiyauddinpur Chowka		
Total Length of road	:	0.660 KM	
Total Cost of FDR - (Part A)	:	0.30	Lakh
GST @ 12 %	:	0.04	Lakh
LABOUR CESS @ 1 %	:	0.00	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.02	Lakh
TOTAL COST OF RESTORATION WORK	:	0.35	Lakh
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

समीक्षा

Date:- 10/12/2021

1. Name of PIUs - E.E RWD DIVISION - Kahalgau

2. Name of Block/ Road - Salour / D.P.S School (NH 80) To Jiyauddin - Chowka

A. For Road

1. Damage Location/Chainage - 0.50 KM

2. Damage length - 27.50 mtr

3. Nature of Damage - Pot hole

4. Detail of Restoration Works

(i) Material being used in Restoration Works: - Brickbat

(ii) Equipment's/ Tools Being used in Restoration Works:

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 27.50 mtr pot hole

B. For Bridge

1. Damage Location/Chainage

2. Damage length

3. Nature of Damage

4. Detail of Restoration Works

(i) Material being used in Restoration Works:

(ii) Equipment's/ Tools Being used in Restoration Works:

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length:

Nil

C. Requirement Of New CD/Bridges

(i) Name of Road:

(ii) Location/ Chainage

(iii) Type of CD Work/Length required

Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) Photographs should be Geotags and at Least one Photo be captured in selfie mode.

Motorable work found Satisfactory.

Signature of JE/AE/EE

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल कटहलीवा

Signature

(Name of Inspector)

EE
RWD(w) Div
Banka-1

प्रतिवेदन

योजना का नाम - " DPS School (NH80) To Jiyauddinpur Chowka " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

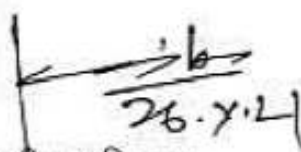
पथ की लम्बाई - 0.660 कि०मी०

प्राक्कलित राशि - रू० 0.35405 लाख

वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्धौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSB के द्वारा मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद सभी पथों में आवागमन चालू हो चुका है।

कराये गये कार्य का प्राक्कलन ग्रामीण कार्य विभाग, कार्य अंचल भागलपुर के पत्रांक 470 दिनांक 22.06.2021 के द्वारा स्वीकृत दर पर तैयार किया गया है तथा इस कार्य का विवरण विभागीय MIS पर FDR Module में प्रविष्ट किया गया है।

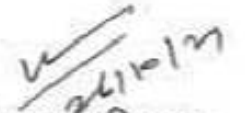
कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।



कनिष्ठ अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, सबौर



सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल प्रमण्डल सबौर



कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : DPS School (NH80) To Jiyauddinpur Chowka

District : BHAGALPUR

Length of Road : 0.660 KM

Block : SABOUR

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	0.660	28521.00 -29,751.00
B	GST @12%	:		3422.00 3,570.12
C	Labour Cess @ 1%	:		285.00 -297.51
D	Seigniorage Fee @10%	:		1,786.70
	Total Cost of Restoration work	:		34015.00 35,405.33
			SAY	35,405.00

J. E.
26.10.21

A. E.
26/10/21

Say Rs. 35,405.00
E. E.
26/10/21

Technically sanctioned for Rs 35,405.00 (Rupees thirty five thousand four hundred only)

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
13/11/21

P.T.O.

Technically sanctioned for Rs 34000-00 (Rupees
thirty four thousand) only.

[Signature]

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: DPS School (NH80) To Jiyasuddinpur Chowka Block: SABOUR District: Bhagalpur Length: 0.660 Km

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	4.5	Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light, barriers, danger signals, chowkidar, taxes, royalty etc. all complete job as per specification and direction of E.I. excluding carriage cost of bricks.							1677.68	28521.00
		As per attached "Annexure - A"					17.00			
							17.00	Cum	1750.04	-29,751.00
							Total Cost of Flood Protective work =			-29,751.00

J. E.
24.12.21

A. E.
28/12/21

E. E.
28/12/21
28,521.00

DPS School (NH80) To Jivauddinpur Chowka

Brick Bat Measurement

ANNEXURE - " A "

Length of Road : 0.660 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	0 - 50 m	1	27.50	4.50	4.10	3.75	4.12	0.15	0.15		0.15	17.00
											Total =	17.00

J. E.
26.10.21

A. E.
26/10/21

E. E.
24/10/21

Material Statement and S.F Calculation

DPS School (NH80) To Jiyaudindpur Chowka

Pirpanti

Sl. No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty	Rate of material	Total Rate	Total amount	10% S.F amount
1	Brick Bats	Brick bats	Cum	2.83		1051.00	2976.43		
		Cost of 2.832 Cum = A					2976.43		
		Rate per Cum = (A/2.832)			17.00		1051.00	17867.00	1786.70
								Total Rs.	1786.70

$$\frac{26 \times 24}{50}$$

$$\frac{26 \times 24}{50}$$

$$\frac{26 \times 24}{50}$$

Carriage Cost of Material via Road

RWD, works Division, Kahaugaon

District:- BILGAON

Division - Kahaugaon

Sl No	Item	Unit	Source	Carriage Cost & Load in Km			Katcha	Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheshi	8.00	x 7.47	x 52 Km	= Rs 677.02	8.00	x 18.09	x 0 Km	= Rs 0.00	870.64
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheshi	4.59	x 7.47	x 52 Km	= Rs 622.75	4.59	x 18.09	x 0 Km	= Rs 0.00	816.37
3	Stone Aggregate / Chaps Via Road	Cum	Mirza Cheshi	8.00	x 7.47	x 52 Km	= Rs 622.75	8.00	x 18.09	x 0 Km	= Rs 0.00	816.37
4	Stone Boulder /Via Road	Cum	Mirza Cheshi	4.99	x 7.47	x 52 Km	= Rs 647.40	4.99	x 18.09	x 0 Km	= Rs 0.00	841.02
5	Coarse Sand/Via Road	Cum	Hanwara	8.00	x 7.47	x 36 Km	= Rs 431.13	8.00	x 18.09	x 0 Km	= Rs 0.00	536.01
6	Mooram/Via Road	Cum	Mirza Cheshi	4.99	x 7.47	x 52 Km	= Rs 517.92	4.99	x 18.09	x 0 Km	= Rs 0.00	622.80
7	Bitumen Barauni / Via Road	MT	Barauni	8.00	x 7.47	x 125 Km	= Rs 933.75	8.00	x 18.09	x 0 Km	= Rs 0.00	1298.75
8	Bitumen Ennissou /Via Road	MT	Fatinia	8.00	x 7.47	x 212 Km	= Rs 1581.64	8.00	x 18.09	x 0 Km	= Rs 0.00	1948.64
9	Local Sand	Cum	Local	8.00	x 7.47	x 2 Km	= Rs 23.95	8.00	x 18.09	x 1 Km	= Rs 29.00	157.83
10	Brack	1000 Nos	Local	8.00	x 7.47	x 7 Km	= Rs 209.16	8.00	x 18.09	x 1 Km	= Rs 72.36	723.14
11	Cement	MT	Local	8.00	x 7.47	x 7 Km	= Rs 52.29	8.00	x 18.09	x 0 Km	= Rs 0.00	369.93
12	Steel	MT	Local	8.00	x 7.47	x 7 Km	= Rs 52.29	8.00	x 18.09	x 0 Km	= Rs 0.00	389.99
13	Rume Pipe (1000 mm)	M	Godda	8.00	x 7.47	x 50 Km	= Rs 346.61	8.00	x 18.09	x 0 Km	= Rs 0.00	422.30
14	Rume Pipe (600 mm)	M	Godda	8.00	x 7.47	x 50 Km	= Rs 238.64	8.00	x 18.09	x 0 Km	= Rs 0.00	171.08
15	Rume Pipe (300 mm)	M	Godda	8.00	x 7.47	x 50 Km	= Rs 57.27	8.00	x 18.09	x 0 Km	= Rs 0.00	90.21
16	Bamboe	Nos	Korwala	8.00	x 7.47	x 42 Km	= Rs 313.74	8.00	x 18.09	x 0 Km	= Rs 0.00	631.38
17	Brick bats	Cum	Local	8.00	x 7.47	x 7 Km	= Rs 209.16	8.00	x 18.09	x 1 Km	= Rs 72.36	475.14
18	Klin Rubbish	Cum	Local	8.00	x 7.47	x 7 Km	= Rs 209.16	8.00	x 18.09	x 1 Km	= Rs 72.36	386.40

Cost Of Haulage Excluding Loading & Unloading As Per SOR

* Subjected to Verification of Lead

Type of Road	Per Ton. Km By Tinner	Per Ton. Km By
For Surface Road	8.19	7.47
For Un Surface Road	8.83	8.99
For Katcha Road	19.82	18.09

[Signature]
26.2.24
Junior Engineer

[Signature]
26/10/21
Asstt. Engineer

[Signature]
21.10.22

Executive Engineer